

# E2102 Forced Convection Oven Ranges E2112 Forced Convection Oven



**CAUTION: Read the instructions  
before using the appliance.**

## USERS INSTRUCTIONS

- SECTION 1 - GENERAL DESCRIPTION
- SECTION 2 - CONTROLS and OPERATION
- SECTION 3 - COOKING HINTS
- SECTION 4 - CLEANING and MAINTENANCE

This appliance has been UKCA/CE marked based on compliance with the relevant Electrical and Electromagnetic Compatibility (EMC) Regulations/Directives for the voltages stated on the data plate.

### IMPORTANT

**This appliance must only be installed by a competent person in compliance with the regulations in force at the time.**

UK regulations are listed on the front of the Installation and Service Manual.

Regular servicing by a qualified person is recommended to ensure the continued safe and efficient performance of the appliance.

### WARNING - THIS APPLIANCE MUST BE EARTHED!

Upon receipt of this manual, the installer should instruct a responsible person (or persons) as to the correct operation and maintenance of the unit.

This equipment is designed FOR PROFESSIONAL USE ONLY and be operated by QUALIFIED persons. It is the responsibility of the supervisor or equivalent to ensure that the user wears SUITABLE PROTECTIVE CLOTHING. Attention should also be drawn to the fact that some parts of the appliance will, by necessity, become VERY HOT and could cause burns if touched accidentally.



### WEEE Directive Registration No. WEE/DC0059TT/PRO

At end of unit life, dispose of appliance and any replacement parts in a safe manner, via a licensed waste handler.

Units are designed to be dismantled easily and recycling of all material is encouraged whenever practicable.

### Falcon Foodservice Equipment

Head Office and Works

Wallace View, Hillfoots Road, Stirling. FK9 5PY. Scotland.

Serviceline PHONE: 01438 363 000

T100508 Ref.5

# **SECTION 1 - GENERAL DESCRIPTION**

This document covers the operation of the following models –

## **E2102 Range**

Single forced convection oven with three solid rectangular hotplates.

OR

Single forced convection oven with two solid rectangular hotplates and two circular, quick acting hotplates.

## **E2112 Oven**

Forced convection oven. (Single Tier)

## **E2112/2 Oven**

2 x Forced convection oven. (Double Tier)

The hob is constructed of cast iron and the hotplates are controlled by six position rotary switches.

The oven has four grid shelves with safety stops, on fixed position runners. One or more of these shelves may be removed to accommodate larger items e.g. chickens.

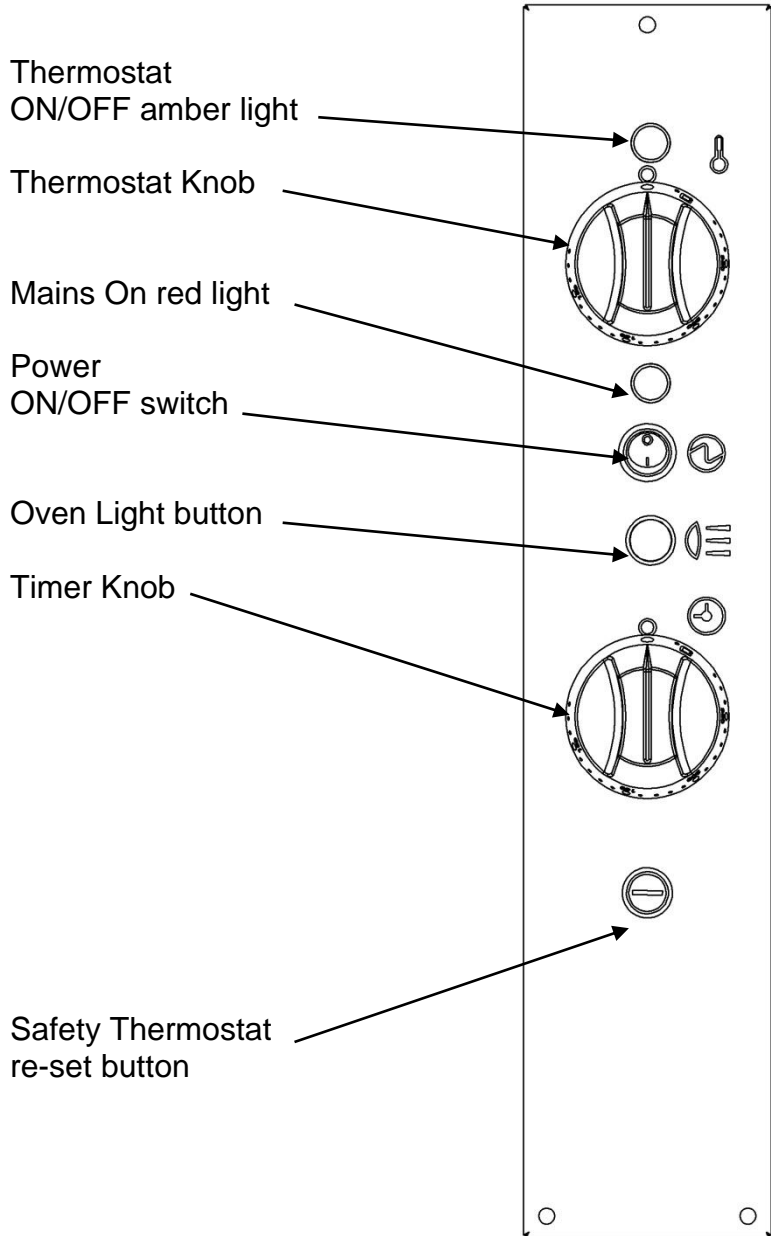
The elements are located below the oven which is heated by conduction and convection.

A door operated switch controls the fan and heat functions via the thermostat to achieve rapid cooking by forced convection

# SECTION 2 - CONTROLS and OPERATION

## OVEN

The controls are mounted on a panel at the RH side of the oven. These consist of:





## **Switching On**

Ensure mains supply is ON (RED indicator lights).

Press the power rocker switch button and close the doors. The fan will come on.

Turn the thermostat to the required temperature setting. The AMBER indicator will light and remain so until this temperature is reached. It will then go out and food may be loaded into the oven.

Opening the oven doors will result in automatic shut down of the fan and heat.

## **Switching Off**

1. During a continuous working cycle, open the doors (This automatically switches off the fan and heat).

2. To shut-down with doors closed, press I/O switch to Off. (This will cut the supply to door-operated switch and will enable the doors to be closed without Fan/Heat coming on and/or having to switch off at mains supply).

## **Timer**

The timer knob is graduated in minutes and should be set to required cooking time when food is placed in the oven. It should be turned fully clockwise and then back to desired time.

When set time has elapsed, warning buzzer will sound continuously until operator switches it OFF. The timer does not switch oven off but provides an audible warning when cooking cycle is complete.

## **Oven Light**

This illuminates oven from rear via a push-button switch mounted on control panel.

## **Hotplates**

The hotplate arrangement consists of either three rectangular plates or two rectangular and two circular, energy saving hotplates. Each plate is controlled by a six heat switch which controls variable temperatures from Setting 1 (lowest) rising progressively to Setting 6 (highest). A neon is located next to each switch to indicate that the plate is ON.

The requisite setting for simmering or fast boiling pots of varying sizes will quickly be found by experience.

In order to achieve efficient operation of the plates, it is essential that good contact be made between the plate and the utensil. Ground based pots should be used and the plate surface must be in good condition. Spillage should not be allowed to accumulate around the edges of a hot plate, it will burn on and become difficult to remove. Spillage trays are positioned below the plates. These may be readily withdrawn for emptying and cleaning when the range is cool.

## **Safety Thermostat Re-set**

Unscrew black cover.

Re-set using a pointed object, (a screw driver etc)



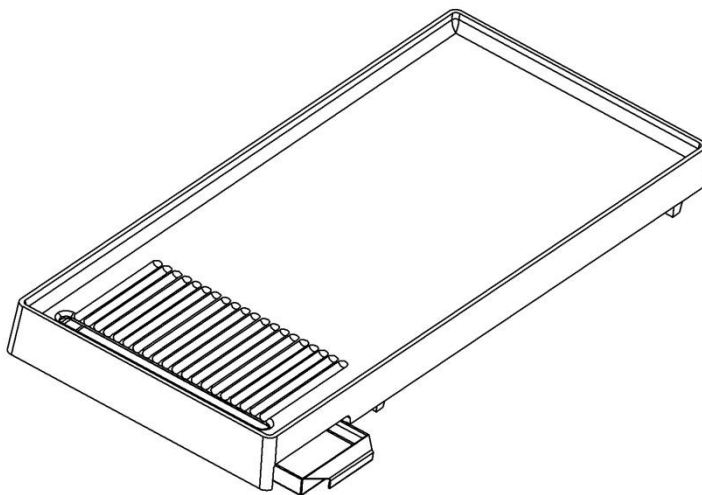
## Important

To ensure long life of the hotplates and to conserve energy, **DO NOT** leave the plates switched on when not in use, particularly at high settings. If for any reason it is considered necessary to retain a plate on heat, reduce the setting to Mark 2 or 3. Circular plates embody a temperature limiting device which automatically shuts down part of the element circuit should it become overheated when left on without a pot on it. The full circuit is reactivated when a pot is placed upon the plate.

### Lift Off Fryplate (Optional Extra)

This is placed over the fast boiling plates with the drain slot to the front and the pads on the underside locating around the rim of the boiling plates.

The drainage tray slides in from either side at the front below the slot during operation (see diagram). It may be removed, without disturbing the fryplate, for draining and/or washing.



## SECTION 3 - COOKING HINTS

### Using the Oven

When the oven has reached working temperature, the AMBER light will go out. Operate ON/OFF as the thermostat maintains the temperature. Opening the doors or switching the power button off shut down the fan and thermostat.

### Pre-Heating Time

Allow at least 45 minutes from switching on a cold oven, irrespective of the desired temperature setting. Insert the food as quickly as possible and close the doors firmly.

## Loading

All four shelves may be used simultaneously and normally, no manipulation of items on the shelves is necessary.

Containers of food up to 75mm in depth can be prepared when using four shelves. If deeper trays require to be cooked, i.e. chicken, one or more shelves may be removed as necessary.

The shelves have stops to prevent accidental removal. To remove, lift the stops above the front of the side runners.

When loading, the oven doors should be kept open for as short a time as possible in order to minimise heat loss.

## Tray Size

The oven will accept gastronorm Trays of dimensions 650mm x 530mm or conventional trays up to this size.

Trays and dishes must always be located centrally on the shelves.

## Heating the Fryplate

Turn both boiling plate controls to 6. It is advisable to have both plates on simultaneously for even-ness of heating across the fryplate.

The normal time for heating to 200°C is 25 minutes with the controls switched FULL ON. As the Boiling Plates are thermostatically controlled, no adjustment of the controls is necessary to maintain maximum temperature.

When lower cooking temperatures are required e.g. 120°C for eggs, set the controls at 3 and allow 10 minutes heat up time.

<b>Baking</b>	TEMP	TIME	No. of SHELVES
Scones and small Buns	230	15 mins	4
Vol-au-Vent Cases	200	10 mins	4
Gingerbread etc	150	2 hours	4
Meringue (white)	100	2 ½ hours	4
Shortbread	175	15 to 20 mins	4
Biscuits	175	10 to 15 mins	4

<b>Fish</b>	TEMP	TIME	No. of SHELVES
Poached Haddock	175	45 mins	4

<b>Puddings</b>	TEMP	TIME	No. of SHELVES
Baked Rice	175	1 hour to 1¼ hours	4
Bakewell Tarts	190	30 to 45 mins	4
Large Sponge slab 25mm – 38mm deep	200	30 mins	4
Yorkshire Puddings	240	25 mins	4

<b>Meats</b>	TEMP	TIME	No. of SHELVES
--------------	------	------	----------------

Lamb, Roast Beef, etc.	150 - 175	25 mins per 0.5kg	2
Chicken	150	1.8kg in 1 hour	2
Braised Steak	175	1 hour 30 mins	4
Pork Chops	175	15 to 20 mins	4
Lancashire Hotpot	175	1 hour 30 min to 4 hrs	4
Cornish Pasties	190	30 mins	4

Miscellaneous	TEMP	TIME	No. of SHELVES
Roast Potatoes	200	30 mins	4
Baked Potatoes	215	45 mins	4
Tomatoes	190	80 to 10 mins	4
Toad in the Hole	215	30 mins	4
Baked Apples	200	30 mins	4

## SECTION 4 - CLEANING and MAINTENANCE



### Importance

BEFORE CLEANING IS UNDERTAKEN, ENSURE THAT THE POWER SUPPLY IS ISOLATED FROM MAINS. APPLIANCE MUST NOT BE CLEANED WITH A JET OF WATER, OR STEAM CLEANED.

### General

Clean with soapy water as often as possible then rinse and dry thoroughly. Grease should be removed using nylon or scotch pads with care, especially when new as these may scratch the enamelled surfaces.

Before removing any parts, note their arrangement and replace them in the same positions after completion.

### Oven

The oven shelves may be removed for cleaning by lifting the stops over the front side of the runners.

**The enamelled linings should not be removed, except in the event of servicing.**

Daily cleaning is recommended, preferably while oven is still warm.

Use of a disposable cloth with a proprietary detergent is the best method. For stubborn deposits, a proprietary oven cleaner may be used in accordance with its manufacturer's instruction.

### Hotplate and Fryplate

A smooth bladed metal scraper is handy for removing deposits of burned-on grease from hotplate and fryplate surface.

The hotplate spillage trays are simply removed for cleaning by sliding these out from front of range.